PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: MARK E. BOOKS	PCT			
POLSTER LIEDER WOODRUFF & LUCCHESI 12412 POWERSCOURT DRIVE	NOTIFICATION OF TRANSMITTAL OF			
SUITE 200 ST. LOUIS, MO 63131	THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL			
31. LOOIS, MO 03131	SEARCHING AUTHORITY, OR THE DECLARATION			
	(PCT Rule 44.1)			
	Date of mailing (day/month/year) 17 JUN 2005			
Applicant's or agent's file reference KEDI 8828WO	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US05/03398	International filing date (day/month/year) 28 January 2005 (28.01.2005)			
Applicant	(asymonia year) 2002 (asternator)			
EVEREST BIOMEDICAL INSTRUMENTS CO.				
1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.				
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):				
When? The time limit for filing such amendments is search report.				
	Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 740 14 35			
For more detailed instructions, see the notes on the	accompanying sheet.			
	ch report will be established and that the declaration under he International Searching Authority are transmitted herewith.			
3. With regard to the protest against payment of (an) addi	tional fee(s) under Rule 40.2, the applicant is notified that:			
the protest together with the decision thereon has be request to forward the texts of both the protest and	en transmitted to the International Bureau together with the applicant's the decision thereon to the designated Offices.			
no decision has been made yet on the protest; the ap	oplicant will be notified as soon as a decision is made.			
4. Reminders				
Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.				
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.				
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.				
	hs (or later) will apply even if no demand is filed within 19 months.			
See the Annex to Form PCT/IB/301 and, for details about th Guide, Volume II, National Chapters and the WIPO Internet site	e applicable time limits, Office by Office, see the PCT Applicant's			
Name and mailing address of the ISA/ US	Authorized officer Music Walke			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450	Authorized officer Mulic Walker Navin Natnithithadh			
P.O. Box 1450 Alexandria, Virginia 22313-1450	Telephone No. (571) 272-2975			

Facsimile No. (703) 305-3230
Form PCT/ISA/220 (January 2004)

(See notes on accompanying sheet)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference KEDI 8828WO		Form PCT/ISA/220 nere applicable, item 5 below.		
International application No. PCT/US05/03398	International filing date (day/month/year) 28 January 2005 (28.01.2005)	(Earliest) Priority Date (day/month/year) 29 January 2004 (29.01.2004)		
Applicant EVEREST BIOMEDICAL INSTRUMENTS CO.				
This international search report consists It is also accompanied Basis of the Report a. With regard to the language, the language in which it was filed, use the international furnished to this Author with regard to any nucleot Certain claims were found Unity of invention is lacking the text is approved as submore than the text has been established.	g transmitted to the International Bureau. of a total of sheets. I by a copy of each prior art document cited international search was carried out on the bunless otherwise indicated under this item. I search was carried out on the basis of a transmity (Rule 23.1(b)). Ide and/or amino acid sequence disclosed in unsearchable (See Box No. II) Ing (See Box No. III)	asis of the international application in the		
5. With regard to the abstract, the text is approved as subm	*			
		cy as it appears in Box No. IV. The applicant reh report, submit comments to this Authority.		
as suggested by the	Authority, because the applicant failed to sug Authority, because this figure better characte			

International application No. INTERNATIONAL SEARCH REPORT PCT/US05/03398 CLASSIFICATION OF SUBJECT MATTER : A61B 05/08 IPC(7) US CL 600/532 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 600/529-543; 422/84; 73/23.3 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) **EAST** DOCUMENTS CONSIDERED TO BE RELEVANT C. Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category * US 6,416,479 B1 (SEIDMAN) 09 July 2002 (09.07.2002), column 7, lines 16-19 and claim 1, 4, 5, 9-11, 13-15, and 18

	Further documents are listed in the continuation of Box C.		See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority
"A"	document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention
	·	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step
E	earlier application or patent published on or after the international filing date		when the document is taken alone
L	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	-Y-	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination
"O"	document referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the art
P	document published prior to the international filing date but later than the priority date claimed	*&*	document member of the same patent family
Date	of the actual completion of the international search	Date of	mailing of the international search report
			17 JUN 2005
10 M	1ay 2005 (10.05.2005)		
Nam	e and mailing address of the ISA/US	Authoria	zed officer
	Mail Stop PCT, Attn: ISA/US	Navin Natnithithadha	
	Commissioner for Patents	I IVAVIII	Tradibundadia ,
	P.O. Box 1450	Telephone No. (571) 272-2975	
	Alexandria, Virginia 22313-1450		
Facs	imile No. (703) 305-3230		

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY **PCT** To: MARK E. BOOKS POLSTER LIEDER WOODRUFF & LUCCHESI 12412 POWERSCOURT DRIVE WRITTEN OPINION OF THE **SUITE 200** INTERNATIONAL SEARCHING AUTHORITY ST. LOUIS, MO 63131 (PCT Rule 43bis.1) 17 JUN 2005 Date of mailing (day/month/year) FOR FURTHER ACTION Applicant's or agent's file reference See paragraph 2 below **KEDI 8828WO** International filing date (day/month/year) Priority date (day/month/year) International application No. 29 January 2004 (29.01.2004) 28 January 2005 (28.01.2005) PCT/US05/03398 International Patent Classification (IPC) or both national classification and IPC IPC(7): A61B 05/08 and US Cl.: 600/532 Applicant EVEREST BIOMEDICAL INSTRUMENTS CO. 1. This opinion contains indications relating to the following items: Basis of the opinion Box No. I Box No. II **Priority** Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Lack of unity of invention Box No. IV Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Certain documents cited Box No. VI Certain defects in the international application Box No. VII Certain observations on the international application Box No. VIII 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Navin Natnithithadha Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. (571) 272-2975 Facsimile No. (703) 305-3230 Form PCT/ISA/237 (cover sheet) (January 2004)

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Due Date: Docket Entry Dat Docketrid Pic

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/03398

Box No. I Basis of this opinion
 With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

10/588221 IAP11 Rec'd PCT/PTO 27 JUL 2006

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/03398

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement			
Novelty (N)	Claims 2, 3, 6-8, 12, 16, and 17	YES	
tioning (Ly)	Claims 1, 4, 5, 9-11, and 13-15 and 18	NO	
Inventive step (IS)	Claims 2, 3, 6-8, 12, 16, and 17	YES	
•	Claims 1, 4, 5, 9-11, and 13-15 and 18	NO	
Industrial applicability (IA)	Claims 1-18	YES	
	Claims NONE	NO	

2. Citations and explanations:

Claims 1, 4, 5, 9-11, and 13-15 and 18 lack novelty under PCT Article 33(2) as being anticipated by Seidman, US 6,46,479 B1.

Seidman teaches a method and apparatus of detecting an increased risk of developing pregnancy-induced hypertension comprising: measuring the carbon monoxide (CO) concentration a breath sample; comparing the concentration to a reference CO concentration indicative of pregnancy-induced hypertension; and determining that there is an increased risk of pregnancy-induced hypertension (see col. 7, lines 16-23, and claim 1).

Claims 2, 3, 16 and 17 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a method and apparatus for predicting the onset of pain or stroke, comprising comparing the measured concentration levels indicative of an onset of pain or stroke.

Claims 6-8 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a method for predicting the onset of one or more sickle-cell anemia related pathologies, comprising comparing the measured concentration levels indicative of an onset of one or more selected sickle-cell pathology.

Claim 12 meets the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a method for predicting the onset of at least one (NO)-related negative influence, comprising wherein the one or more (NO)-related negative influences are created or worsened by an ivHb-dependent decrease in (NO) bioavailability.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/03398

Box No. VII Certain defects in the international application	
The following defects in the form or contents of the international application have been noted:	
The description is objected to as containing the following defect(s) under PCT Rule 66.2(a)(iii) in the form or contents thereof: on page 1, line 11, "60/540,242" is not correct and should be amended to 60/540,292	
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